Disk Operating System (DOS) Version 5.0

More power to you

Stop crowding your computer's memory – and make more room for applications – with DOS 5.0.

With this latest version of the popular DOS operating system, there's no need for tradeoffs between operating system functions and applications with large memory requirements. The reason: DOS 5.0 moves most of the operating system to high memory above 640KB in 1MB 80286 systems and beyond.[1]

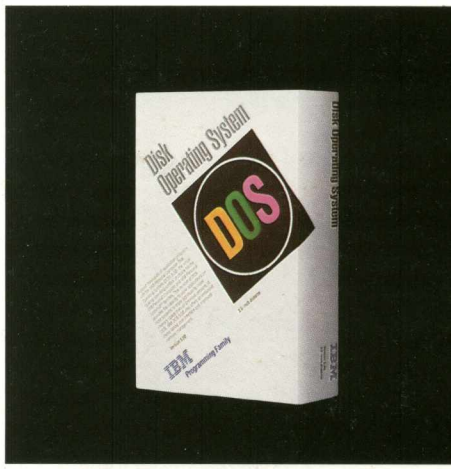
DOS 5.0 can relocate device drivers and other programs above 640KB, too. So there's even more space for applications. And DOS 5.0 includes an Expanded Memory Manager (EMM386) that takes advantage of the memory capacity of today's most powerful PS/2s.® At the same time, EMM386 provides a memory management architecture.

More available memory means easier manipulation of programs and data. That's especially true when you're working with the new, improved shell of DOS 5.0. Mouse-driven menus and online Help allow even novice users to do everything from running applications to "unformatting" an inadvertently formatted fixed disk.

Among the new tasks DOS 5.0 can help you handle more productively: Locate and sort files with an enhanced DIR directory command. Change all file attributes with the enhanced ATTRIB command. And, when you're ready to do some programming of your own, pull up a built-in, full-screen, easy-to-use text editor and a new QBasic™ Interpreter.

Adding these new capabilities doesn't mean altering your applications. In fact, installation is so simple that DOS 5.0 can be overlaid on an existing DOS.

And it can run on previously installed PCs as well as advanced PS/2s. Whether you're using a PC XT™ for word processing or a PS/2 Model 95 486 for serious number-crunching, you'll find DOS 5.0 an ideal solution for single-tasking, single-user environments.

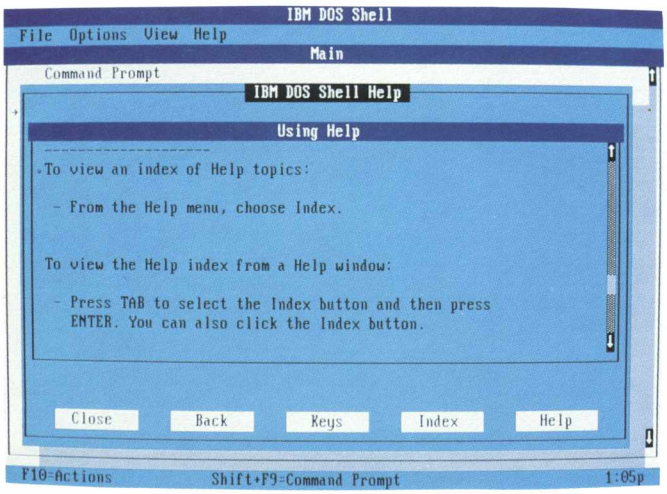


DOS 5.0 at work

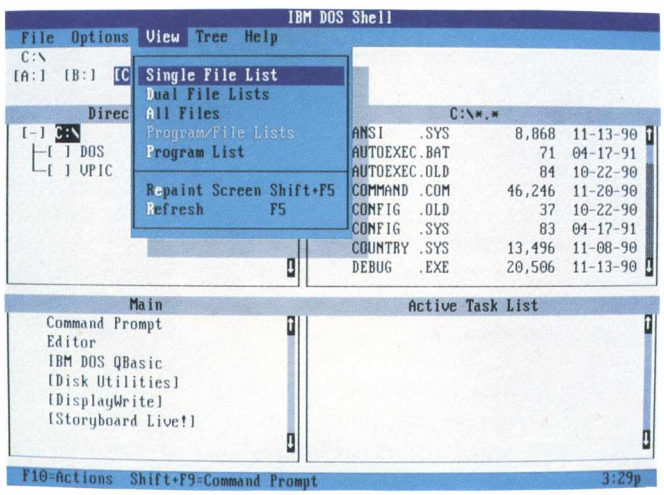
Here are some of the ways you can put DOS 5.0 to work for you:

- Keep your word processor and spreadsheet programs available for use and hot key between them (sufficient RAM required)
- Run a graphics application with expanded memory and a large database with extenders – without conflict
- Upgrade quickly with a fastpath installment procedure that won't affect your applications
- Use a new DOS shell to point and click on the commands and functions you need
- Run the new FC command to compare DOS files
- Access as many as seven fixed disks
- Access high-capacity diskette drives

Feature	Benefit
Relocation of DOS to high memory	• Reduces size of DOS in conventional memory • Leaves more capacity for applications in conventional memory
Compatibility	• Provides capability to run existing DOS applications more efficiently – without reprogramming • Protects investment in existing desktop computers
Expanded Memory Manager (EMM386)	• Improves memory management • Supports widely used LIM 4.0 standard • Prevents conflicts between applications with DOS extenders and applications that use expanded memory • Delivers higher performance than DOS 4.0
Enhanced Install program	• Includes a simple, two-screen menu • Provides default settings • Saves configuration and execution parameters of predecessor DOS
Command line Help	• Allows users to solve problems on their own without reference to publications • Includes a comprehensive list of all DOS 5.0 commands for quick reference • Permits quick resumption of productivity tasks
Full-screen editor	• Aids merging and editing tasks during installation • Provides a streamlined, easy-to-use alternative to previous DOS line editor • Simplifies creation of batch files and other end-user programs • Provides online Help
Improved shell	• Appears similar to Windows™ and OS/2® Presentation Manager™ • Increases program, file and directory capacity • Includes a task switcher that allows users to move rapidly between applications
New and enhanced commands	• Prevent data loss • Recall, edit and reexecute previously entered commands • Make familiar DOS commands more powerful • Minimize end-user training
Disk caching	• Improves hard disk performance



Online Help lets users resolve questions quickly by themselves.



Convenient windows make it easy to check program and file directories at a glance.

DOS comparisons

Version	Memory occupied	Systems supported	Key hardware functions supported
2.1	24KB	XT,™ PC, PC*jr*™	Small-memory systems and applications
3.0/3.1	36KB	AT,® XT, PC, PC*jr*	IBM PC Network; EGA graphics and IBM color printer
3.2	44KB	AT, XT, XT 286, PC, PC*jr*, PC Convertible	IBM Token-Ring Network; 3.5-inch diskettes and drives; PS/2 Enhanced Keyboard
3.30	43KB (minimum)	AT, XT, XT 286, PC, PC*jr*, PC Convertible	Large, partitioned fixed disk files; Extended National Language support
4.0	54KB (minimum)	PS/2, PS/1,™ AT, XT, XT 286, PC, PC Convertible	Large, nonpartitioned fixed disk files; menu-based user interface; expanded memory; full display and printer support; Extended National Language support; enhanced warranty; enhanced installation menus
5.0	18KB–52KB (minimum)	PS/2, PS/1, AT, XT, XT 286, PC, PC Convertible	High-memory DOS relocation; improved expanded memory management; upper memory block relocation of programs; media sensing support of high-capacity diskette drives; support for more than two fixed disks and more than two diskettes; Extended National Language support for keyboards and translations

Why DOS 5.0?

Here are some of the reasons why DOS 5.0 stands out as the best solution for single-user, single-tasking needs.

Innovative programming that minimizes the memory requirements of DOS, allowing more applications to run in conventional memory – and often run faster.

Ease of installation that allows you to overlay DOS 5.0 over previous versions and get immediate productivity gains.

Ease of use that lets you take advantage of a popular Windows- and OS/2 Presentation Manager-like shell for all DOS tasks – and get online Help when you need it.

Compatibility to protect your investment since DOS 5.0 works on diverse desktop systems – including those equipped with previous DOS versions.

Quality and reliability that ensure the operating system you select today will remain dependable in the future.

Warranty/Service

Each DOS 5.0 offering is backed by a three-month warranty. No-charge service is available for all customers for 12 months after general availability.

AccessDOS

IBM DOS Version 5.0 is fully compatible with AccessDOS. AccessDOS is a public domain software program that provides better keyboard, mouse and sound access for persons with physical disabilities. It can be acquired by calling toll-free: 1-800-426-7282 and asking for part number 84F9872.

Reduced cost options

A DOS upgrade offering that installs over a prior IBM DOS is available at greatly reduced cost to ease your transition to DOS 5.0. This upgrade automatically updates your configuration and environment files, provides an uninstall capability, and saves your current version of DOS to diskette.

Additional license (right-to-copy) upgrades offer even greater savings. See your IBM Authorized Dealer for details.

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™PC XT, Presentation Manager, XT, PC*jr* and PS/1 are trademarks of International Business Machines Corporation. QBasic and Windows are trademarks of Microsoft Corporation.
'DOS 5.0 with the user interface requires a minimum of 512KB of memory. DOS 5.0 runs on all models of IBM PS/2 and IBM PS/1. It is also supported on the IBM PC, PC XT, PC XT 286, and PC AT and will run on models of the IBM PS/55 that are being marketed by IBM at the time of IBM DOS 5.0 availability.

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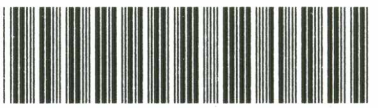

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